UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

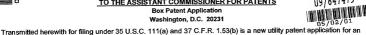
Docket No. FIS920010077US1

Total Pages in this Submission

658 U.S.

TO THE ASSISTANT COMMISSIONER FOR PATENTS **Box Patent Application**

Washington, D.C. 20231



invention entitled: GATE LINEWIDTH TAILORING AND CRITICAL DIMENSION CONTROL FOR SUB-100 NM DEVICES USING PLASMA ETCHING Assignee Name: International Business Machines Corporation Assignee Residence: Armonk, New York and invented by: Jeffrey J. Brown, Sadanand Vinayak Deshpande, David V. Horak, Maheswaran Surendra, Len Y. Tsou, Oingyun Yang, Chienfan Yu and Ying Zhang ## a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Enclosed are: **Application Elements** 1. Filing fee as calculated and transmitted as described below 2. Specification having 18 pages and including the following: a.

Descriptive Title of the Invention c.

Statement Regarding Federally-sponsored Research/Development (if applicable) d.

Reference to Microfiche Appendix (if applicable) e. A Background of the Invention f. M Brief Summary of the Invention g.

Brief Description of the Drawings (if drawings filed)

h. Detailed Description i. X Claim(s) as Classified Below i. X Abstract of the Disclosure

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Docket No. FIS920010077US1

Total Pages in this Submission

	Application Elements (Continued)						
3.	×	Dra	awing(s) (wh∈	en nece:	sary as prescribed by 35 USC 113)		
	a.	⋈	Formal		Number of Sheets1		
	b.		Informal		Number of Sheets		
4.	×	☑ Oath or Declaration					
	a.	×	Newly exec	outed (o	iginal or copy) 🔲 Unexecuted		
	b.	b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)					
	C.	c. 🛛 With Power of Attorney 🗔 Without Power of Attorney					
	d.	 DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). 					
		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.					
		Con	nputer Progra	am in M	crofiche (Appendix)		
7.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)					
UI	a.		Paper Copy	/			
N	b.		Computer R	Readable	Copy (identical to computer copy)		
14	C.		Statement \	/erifying	Identical Paper and Computer Readable Cop	ру	
					Accompanying Application Parts		
8.	×	Assi	ignment Pape	ers (cov	er sheet & document(s))		
9.	Э	37 C	CFR 3.73(B) 5	Stateme	nt (when there is an assignee)		
10.		English Translation Document (if applicable)					
11.		Information Disclosure Statement/PTO-1449					
12.		Preli	liminary Amer	ndment			
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Docket No. FIS920010077US1

Total Pages in this Submission

	Accompanying Application Parts (Continued)
15.	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
700675	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
1	Warning
F 1.2 th 1.2 th 2.3 th 2.3 th 1.3 th 1.3 th 1.3 th 1.3 th	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Docket No. FIS920010077US1

Total Pages in this Submission

Fee Calculation and Transmittal

0		CLAIMS	AS FILED			
For	#Filed	#Allowed	#Extra		Rate	Fee
Total Claims	16	- 20 =	0	×	\$18.00	\$0.00
Indep. Claims	4	- 3 =	1	x	\$80.00	\$80.00
Multiple Dependent	Claims (check	(if applicable)				\$0.00
					BASIC FEE	\$710.00
OTHER FEE (specif	y purpose)					\$0.00
					TOTAL FILING FEE	\$790.00
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Dated:			R		n No. 29,894	
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CERTIFICATE OF		Docket No.						
Applicant(s): Jeffrey J.		FIS920010077US1						
Serial No.	Filing Date	Examiner		Group Art Unit				
Invention: GATE LINE	WIDTH TAILORING AND CRI	TICAL DIMENSION CONTR	OL FO	R SUB-100 NM				
Invention: GATE LINEWIDTH TAILORING AND CRITICAL DIMENSION CONTROL FOR SUB-100 NM DEVICES USING PLASMA ETCHING								
DETICES CONTO I EAGUA DI CHINO								
I hereby certify that this Utility Patent Application Transmittal (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.								
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20231-0001 on	5/2/01 (Date)							
npa Nati	(===)	** ***						
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